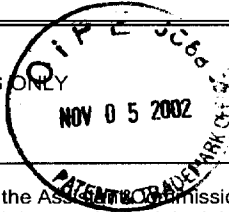


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Attorney Docket No.: MTM-0208; File No. 85292-0208

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Please record the attached original documents or copy thereof

1. Name of conveying party(ies)

(1) Masanori KOSUDA; (2) Yoshihisa TAMAGAWA;
and
(3) Hideki ISHIZAKI

11-5-02

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and address of receiving party(ies):

Name: TDK CORPORATION

Address: 1-13-1, Nihonbashi, Chuo-ku,
Tokyo 103-8272, Japan

Additional name(s) & address(es) attached?

Yes No

3. Nature of conveyance:

Assignment Merger
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Execution Date: (1) ~ (3) October 16, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

10/230,178

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Rader, Fishman & Grauer, PLLC
Street Address: 1233 20th Street, N.W., Suite 501
Washington, D.C. 20036

6. Total number of applications and patents involved:
One

7. Total fee (37 CFR 3.41)..... \$ 40.00

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Signature

November 5, 2002
Date

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PATENT
REEL: 013487 FRAME: 0876

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

TDK CORPORATION

1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272, Japan

[Insert
ASSIGNEE's
Name(s)
Address(es)]

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of
Invention]

VACUUM PROCESSING APPARATUS AND METHOD FOR PRODUCING AN OBJECT TO BE PROCESSED

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

[*If the assignment is being filed after the filing of the application, this section must be completed]

*filed on August 29, 2002, Serial No. 10/230,178

(Rader, Fishman & Grauer, PLLC is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)
of Assignor(s)]

<u>Masanori Kosuda</u> (SIGNATURE)	<u>Masanori KOSUDA</u> (TYPE NAME)	<u>October 16, 2002</u> (DATE)
<u>Yoshihisa Tamagawa</u> (SIGNATURE)	<u>Yoshihisa TAMAGAWA</u> (TYPE NAME)	<u>October 16, 2002</u> (DATE)
<u>Hideki Ishizaki</u> (SIGNATURE)	<u>Hideki ISHIZAKI</u> (TYPE NAME)	<u>October 16, 2002</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)